



Origin of Elements and Cosmic Evolution 2025

Second Circular

Dates November 9–14, 2025
Venue Peng Huanwu Collaborative Center for Research and Education
Address 6th floor, Boyan Mansion, 238 North 4th Ring Middle Road,
Haidian District, Beijing, China

Overview

This is the second circular of the [Origin of Elements and Cosmic Evolution 2025](#) (OECE2025). This event will be held at Beihang University (BUAA) in Beijing, China, from November 10 to 14, 2025. The event consists of:

Pre-workshop School (Nov. 10–12, 2025) designed for **students and early-career researchers**, providing a broad introduction to nuclear astrophysics and cosmology, as well as frontier developments. Lectures will be delivered by distinguished international experts:

- ***Spectroscopy & abundance***
Lecturer: *Andreas Korn (Uppsala University)*
- ***Stellar evolution***
Lecturer: *Xiaoting Fu (Purple Mountain Observatory, CAS)*
- ***Nuclear theory***
Lecturer: *Longjun Wang (Southwest University)*
- ***Nuclear Properties and Weak Processes at Finite Temperature: From Nuclei to Stars***
Lecturer: *Nils Paar (University of Zagreb)*
- ***Stellar Genealogy: Metal-Poor Stars as Probes of the Chemical Evolution of the Universe***
Lecturer: *Vinicius M. Placco (NSF NOIRLab, online)*

In addition to lectures, the program will include a visit to the **LAMOST (Nov. 12, 2025)**, offering participants the opportunity to gain first-hand experience with one of the world's largest optical telescopes. The detailed timetable of school is appended in the end of this circular.

Workshop (Nov. 13–14, 2025) bringing together leading scientists worldwide to discuss recent progress on the origin of elements and cosmic evolution. Please stay tuned for further announcements regarding the full workshop schedule.

Key Topics

The workshop will focus on (but is not limited to):

- High-resolution spectroscopy and stellar abundances
- Galactic archaeology and chemical evolution
- Stellar evolution, supernovae, and compact objects
- Heavy element nucleosynthesis (r-, i-, s-, and p-processes)
- Nuclear physics & Nuclear reactions for astrophysics
- Neutrinos and weak interactions in astrophysics

Registration Fee

The registration fee is **500 RMB**. Lunches, coffee break, round-trip commuting fee for visit to LAMOST and banquet are included.

Weather

In early November, Beijing typically experiences **cool and dry** autumn weather as it transitions toward winter. Average conditions are as follows:

- **Daytime temperature:** around **10°C to 20°C** (50°F to 68°F)
- **Nighttime temperature:** can drop to **0°C to 8°C** (32°F to 46°F), so make sure to bring enough warm clothing
- **Humidity:** generally low, the air is **dry**
- **Rainfall:** very rare, November is one of the driest months in Beijing. However, this year has seen a sharp increase in both the frequency and intensity of heavy rains, so bringing an umbrella is definitely a wise choice.

Transportation

Beihang University is located in the Haidian District of Beijing and is easily accessible. Participants can reach the venue by **public transportation** or **taxi**, which is readily available at both airports and railway stations. For convenience, it is recommended to take a taxi to the conference site. A taxi ride typically costs from

- Beijing Capital International Airport (PEK): 100-150 RMB
- Beijing Daxing International Airport (PKX): 200–250 RMB
- Railway station (for both Beijing South and Beijing West): no more than 50 RMB

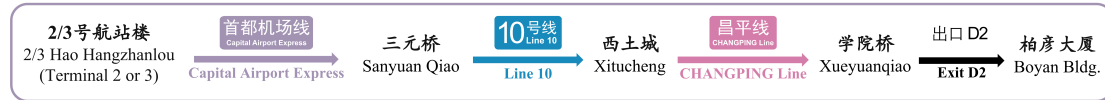
Please show this venue address to the taxi driver if you have any difficulty communicating:

北京市海淀区北四环中路辅路238号柏彦大厦

Public Transportation

We also have some suggestions for taking public transportation from the airports. Please make sure to check your airport and terminal carefully, and follow the signs or staff instructions.

From Beijing Capital International Airport (PEK):



From Beijing Daxing International Airport (PKX):



Accommodation

Please note that this year, the organizing committee will **NOT** coordinate official hotel bookings. Participants are kindly requested to make their own accommodation arrangements.

We appreciate your understanding and are happy to assist with general inquiries regarding nearby lodging options. If you have difficulty booking a hotel, you may contact ircbbc@buaa.edu.cn and provide us with your detailed information.

A list of recommended hotels near Beihang University will be made available on the conference website for your reference. We strongly encourage early booking, as availability may be limited during the event period.

Important Dates

- November 1, 2025: End of Registration and Abstract Submission
- November 9, 2025: Check-in (begins after 14:00)
- November 10-12, 2025: OECE2025 School
- November 12, 2025: A visit to LAMOST in Xinglong, Hebei
- November 13-14, 2025: OECE2025 Workshop
- November 13, 2025: Banquet

Local Organizing Committee

Ruizheng Jiang (National Astronomical Observatories, Chinese Academy of Sciences)

Zhenyu He (Beihang University)

Yudong Luo (Peking University)

Hongrui Gu (National Astronomical Observatories, Chinese Academy of Sciences)

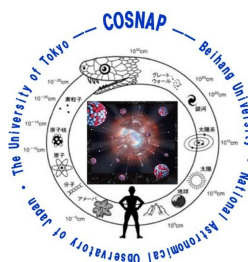
Yangming Lin (National Astronomical Observatories, Chinese Academy of Sciences)

Guo Li (National Astronomical Observatories, Chinese Academy of Sciences)

Linjing Qi (Beijing Normal University)
Xinxu Wang (Beihang University)
Yong-Beom Choi (Beihang University)
Hongrui Feng (Beihang University)

Scientific Organizing Committee

Toshitaka Kajino (**Co-chair**, IRCBBC, Beihang University)
Jianrong Shi (National Astronomical Observatories, Chinese Academy of Sciences)
Xiaodong Tang (Institute of Modern Physics, Chinese Academy of Sciences)
Haining Li (**Co-chair**, National Astronomical Observatories, Chinese Academy of Sciences)



Host & Sponsor

Peng Huanwu Collaborative Center for Research and Education and School of Physics, BUAA
National Astronomical Observatories, Chinese Academy of Sciences
Cosmology and Nuclear Astrophysics (COSNAP)
National Natural Science Foundation of China (NSFC)
Institute for Nuclear Astrophysics of China (INAC)

Contact Information

For inquiries, please contact:

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Please contact **+8618914704093** or add this number on WeChat to reach Mr. Ruizheng JIANG, in case of any unexpected situation.

TIMETABLE FOR OECE2025 SCHOOL

TIME	NOV 9 SUN	NOV 10 MON	NOV 11 TUE	NOV 12 WED
08:50-09:00		<i>Opening Address</i> Toshitaka Kajino		LAMOST Excursion
09:00-10:00		<i>Stellar Spectroscopy & Abundances I</i> Andreas Korn	<i>Stellar Spectroscopy & Abundances III</i> Andreas Korn	
10:00-11:00		<i>Stellar Evolution I</i> Xiaoting Fu	<i>Stellar Genealogy: Metal-Poor Stars as Probes of the Chemical Evolution of the Universe</i> Vinicius M. Placco (Online)	
11:00-12:00		<i>Nuclear Structure I</i> Longjun Wang	<i>Stellar Evolution II</i> Xiaoting Fu	
12:00-14:00		Lunch		
14:00-15:00	Check-in	<i>Stellar Spectroscopy & Abundances II</i> Andreas Korn	<i>Nuclear Structure III</i> Longjun Wang	
15:00-16:00		<i>Stellar Evolution II</i> Xiaoting Fu	<i>Nuclear Properties and Weak Processes at Finite Temperature: From Nuclei to Stars</i> Nils Paar	
16:00-17:00		<i>Nuclear Structure II</i> Longjun Wang	<i>Discussion</i>	